IN THE SPECIFICATION

Page 2, in the paragraph beginning on line 12, please amend as follows:

It is therefore an object of the present invention to provide a quadrature coupled controlled oscillator with an increased coupling coefficient and whose oscillation frequency is determined independently of the fabrication technology.

Page 3, in the paragraph beginning on line 13, please amend as follows:

It is another object of the present invention to provide a communication arrangement for communicating via a bi-directional communication channel, comprising ~~an~~ the novel oscillator disclosed and ~~as~~ claimed herein ~~in the Claim 1~~ for generating a ~~periodical~~ periodic signal, a receiving module for generating an output signal (OUT1) from the ~~periodical~~ periodic signal and a received signal (IN) received from the channel, further comprising an emission module for generating an emission signal (OUT) for emitting to the channel from the ~~periodical~~ periodic signal and an input signal (IN1).

Page 4, in the paragraph beginning on line 8, please amend as follows:

DESCRIPTION OF THE PREFERRED EMBODIMENT

Figure 1 shows a block diagram of a quadrature coupled controlled oscillator (oscillator) according to the invention. There are provided two identical circuit modules 100 and 100'. The two circuit

modules each have two inputs Ip1, In1 and Ip2, In2, respectively, and two outputs Op1, On1 and Op2, On2, respectively. The circuit module 100 is directly coupled to the circuit module 100', the output Op1 being connected to the input Ip2 and the output On1 being connected to the input In2. The circuit module 100' is cross coupled to the circuit module 100, the output Op2 being connected to the input In1 and the output On2 being connected to the input Ip1, respectively.

Page 5, in the paragraph beginning on line 19, please amend as follows:

The VCCS 101 disclosed in Figure 2 are implemented here, as an example, with CMOS transistors T3, T4, T7 and T8. They are supplied via resistors R_L but current sources can be used~~,~~ too.

Page 6, in the paragraph beginning on line 27, please amend as follows:

If an input signal IN1 is presented at the input of the emission (transmission) module 302, then it is mixed in the emission module 302 with the ~~periodical~~ periodic signal provided by the oscillator 303. In the bi-directional channel 304 ~~is then presented a signal OUT~~ a signal OUT is then presented that is transmitted through the channel. It should be pointed out here that the bi-directional channel can be a simple antenna, an optical fiber and in general any device that could assure a bi-directional transmission / reception channel adapted ~~in~~ for receiving and emitting signals, signals that can be electrical, optical, etc.